

Figure 1

Prototype column, 2x250 mm
Nonsuppressed Conductivity
3 mM Methanesulfonic acid
0.25 mL/min
30 °C

Peaks:

1. Lithium
2. Sodium
3. Ammonium
4. Ethanolamine
5. Potassium
6. Magnesium
7. Calcium

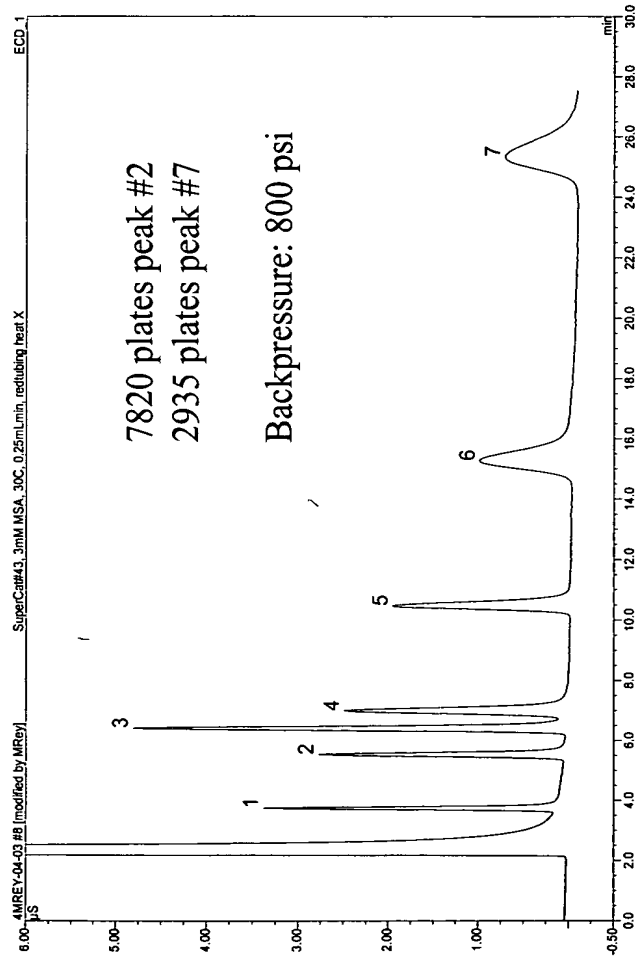


Figure 2

Prototype column, 2x250 mm
Nonsuppressed Conductivity
3 mM Methanesulfonic acid
0.25 mL/min
60 °C

Peaks:

1. Lithium
2. Sodium
3. Ammonium
4. Ethanolamine
5. Potassium
6. Magnesium
7. Calcium

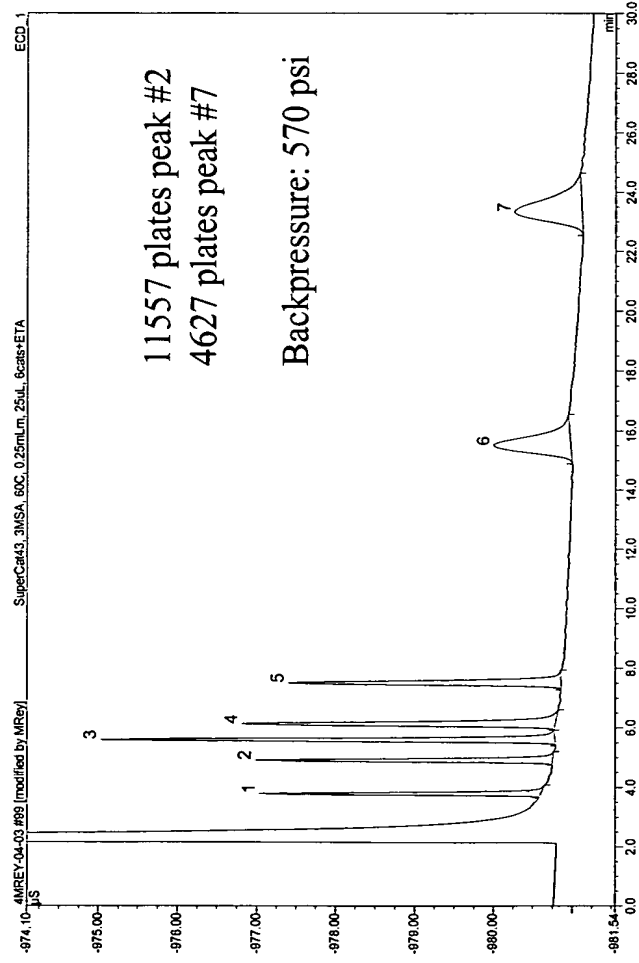
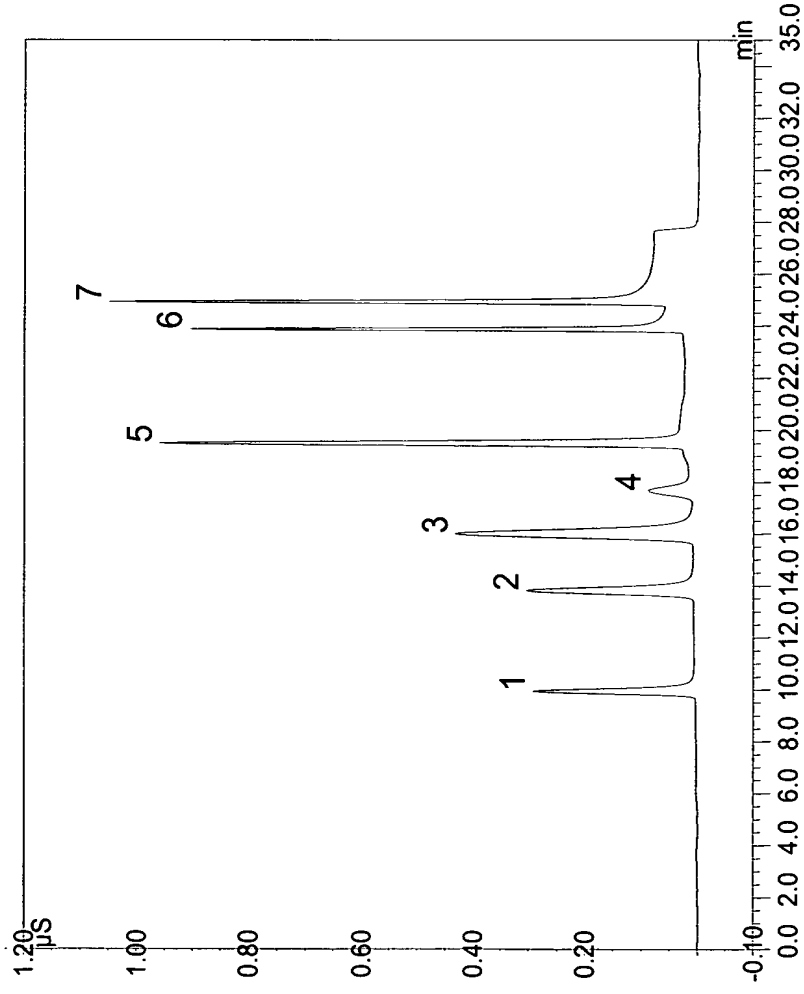


Figure 3



Prototype column 4x250 mm
Suppressed Conductivity, ATLAS
0.5 mM Methanesulfonic acid
to 1 mM MSA at 15 min
to 12 mM MSA at 25 min
to 0.5 mM MSA at 25.1 min
1.0 mL/min, 60 °C

Peaks:

1. Lithium
2. Sodium
3. Ammonium
4. Ethanolamine
5. Potassium
6. Magnesium
7. Calcium